

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail Stop ISSUE FEE**  
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**P.O. Box 1450**  
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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

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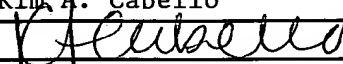
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41790 7590 04/21/2006  
**BUCHANAN INGERSOLL & ROONEY, LLP**  
**(INCLUDING BURNS, DOANE, SWECKER & MATHIS)**  
**P.O. BOX 1404**  
**ALEXANDRIA, VA 22313-1404**  
**07/26/2006 FHETEK12 00000082 09842204**

01 FC:2501 700.00 OP  
 02 FC:1504 300.00 OP

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Kim A. Cabello (Depositor's name)  
 (Signature)  
 July 20, 2006 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/842,204

04/24/2001

Nathan S. Lewis

06618-709001/CIT

5403

TITLE OF INVENTION: SPATIOTEMPORAL AND GEOMETRIC OPTIMIZATION OF SENSOR ARRAYS FOR DETECTING ANALYTES FLUIDS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional

NO

~~\$2400~~ 700

\$300

~~\$2700~~ 1000

07/21/2006

EXAMINER	ART UNIT	CLASS-SUBCLASS
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SINES, BRIAN J

1743

422-050000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Buchanan Ingersoll & Rooney, LLP

2

3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

University of Florida  
 The California Institute of Technology  
 Aerovironment, Inc.

Gainesville, FL  
 Pasadena, California  
 Monrovia, CA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee  
☒ Publication Fee (No small entity discount permitted)  
☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.  
☒ Payment by credit card. Form PTO-2038 is attached.  
☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 02-4800 (enclose an extra copy of this form).

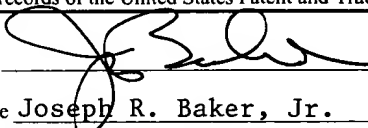
5. Change in Entity Status (from status indicated above)

- ☒ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature



Date July 20, 2006

Typed or printed name Joseph R. Baker, Jr.

Registration No. 40,900

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Lewis et al.

Application No.: 09/842,204

Filed: April 24, 2001

For: SPATIOTEMPORAL AND  
GEOMETRIC OPTIMIZATION OF  
SENSOR ARRAYS FOR  
DETECTING

) **Mail Stop ISSUE FEE**

) Group Art Unit: 1743

) Examiner: BRIAN J. SINES

) Confirmation No.: 5403

) Certificate of Mailing

) I hereby certify that this correspondence is being  
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) as First Class Mail in an envelope addressed to:  
) Commissioner for Patents, Mail Stop Issue Fee,  
) P.O. Box 1450, Alexandria, VA 22313-1450 on  
) July 20, 2006.

) By: 

) Kim A. Cabello

TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In Response to the Notice of Allowance and Fee(s) Due, mailed April 21, 2006,  
transmitted herewith for filing are the following:

1. Part B - Fee(s) Transmittal;
2. Form PTO-2038; and
3. Return Receipt Postcard.

No fee additional fee is believed to be due in connection with the attached paper. However, in the event an additional fee is required please charge, or to credit any overpayment to, Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully Submitted,

BUCHANAN INGERSOLL & ROONEY LLP

By: 

Joseph R. Baker, Jr.  
Registration No. 40,900

Date: July 20, 2006

P.O. Box 1404  
Alexandria, VA 22313-1404  
(858) 509.7300